



transportation

Maricopa County maintains a personal fleet of over 2,000 vehicles and maintains a road network of over 2,600 miles with signals at over 115 intersections. According to the U.S. EPA, transportation contributes 29% of the total green house gas emissions, the major cause of global climate change. Additionally, unstable roadway shoulders and dirt roads are major contributors to dust production dilemma that Maricopa County has been challenged with for years. Because of these issues the Maricopa County Green Government Program has identified specific measurements to reduce the negative environmental impacts associated with transportation.

Did You Know?

Maricopa County has 4 separate locations that offer hybrid preferred parking and 13 spaces for Electric Vehicles.




















Action Statement

Create strategies to move people while improving quality of life, improving efficiency, and reducing vehicle miles traveled.
























TRANSPORTATION

Tag	Department	Measure Detail	Due	Status	Impact Icons
T1	Air Quality Department	Implement a program whereby an average of at least 5% of the department's full-time employee work hours are done via telecommuting on a daily basis.	July 2014	Launched	 
T2	Animal Care and Control	Reduce fleet fuel consumption by 10% from baseline of the 2007-2008 FY	July 2011	Accomplished	 
T3	Animal Care and Control	Implement Geo Code vehicle fleet management to ensure efficient routes for all Field Officers	July 2011	Accomplished	 
T4	Environmental Services	Increase vehicle fuel efficiency (miles /gallon) by 10% based on FY 2007-2008 County station baseline.	July 2014	Launched	 
T5	Environmental Services	Achieve a 75% rate for all customer requests to be processed online.	July 2015	Launched	  
T6	Environmental Services	Install preferred parking spaces for low emitting, hybrid, or plug-in electric vehicle spaces.	July 2015	Launched	 
T7	Equipment Services	Educate all Maricopa County vehicle fleet operators about the Anti-Idle program.	July 2013	Launched	   





















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T8	Equipment Services	Complete AIM II system installations on any replacement and new additions to the County fleet.	July 2013	Launched	  
T9	Equipment Services	Provide written direction on an ongoing basis to county agencies and departments regarding the responsibilities Maricopa County has in relation to the vehicles that the county operates and their impact on the environment.	July 2009	Launched	   
T10	Equipment Services	Fuel all diesel fleet vehicles with B20 (or greater) biodiesel .	July 2008	Accomplished	 
T11	Facilities Management	Have some employees achieve US Green Building Council LEED Accreditation	July 2013	On-Going	   
T12	Facilities Management	Install bike racks at all applicable county owned/managed facilities.	July 2014	Launched	 
T13	Library District	Reduce fuel consumption by 10% based on FY 2007-2008 baseline use.	July 2013	On-Going	 
T14	Library District	Construct all future libraries to a minimum of LEED-Certified standards.	July 2010	On-Going	   



















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T15	Parks and Recreation	Add 15 miles annually to the Maricopa County Regional Trail System until completed.	July 2013	On-Going	  
T16	Parks and Recreation	Construct 100% of all new Nature Centers to a minimum of LEED-Silver standards.	July 2013	On-Going	   
T17	Parks and Recreation	Install bike racks at all applicable Parks and Recreation owned/managed facilities.	July 2015	Launched	 
T18	Parks and Recreation	Install preferred parking spaces for low-emitting, hybrid, or plug-in electric vehicles for 5% of the total vehicle parking capacity at 100% of Parks and Recreation owned/managed sites where applicable.	July 2014	Not Started	 
T18	Planning and Development	Reduce fleet fuel consumption through the purchase of fuel efficient Vehicles and smart chain trip planning.	July 2015	Launched	 
T19	Planning and Development	Set up a protocol for on-line project review and public comment on land use project submittals by outside agencies and the public.	July 2013	Launched	  
T20	Public Health	Prioritize the use of web and videoconferencing capabilities to eliminate unnecessary trips.	July 2013	On-Going	 













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T21	Public Health	Implement a program whereby the Department acquires additional connectivity tools and trains staff on effective use to reduce travel from returning to workstations between appointments.	July 2013	On-Going	 
T22	Public Health	Work with FMD to add bike racks at all Public Health Facilities.	July 2013	Not Started	 
T23	MCDOT	Commit a minimum of \$3 million per year toward paving low volume dirt roads and shoulders.	July 2012	On-Going	 
T24	MCDOT	Ensure compliance with PM-10 emission standards through application of dust palliative on at least 65 lane miles of roadway dirt shoulders per year.	July 2012	Launched	 
T25	MCDOT	Stabilize exposed soil surfaces generated during construction projects.	July 2012	On-Going	 
T26	MCDOT	Reduce fleet fuel consumption by 10% based on FY 2007-2008 baseline use.	July 2012	On-Going	  
T27	MCDOT	Ensure compliance with PM-10 emission standards through application of water to all dirt surfaces disturbed by maintenance activities.	July 2012	On-Going	  



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T28	MCDOT	Stabilize 100% of new medians with decomposed granite, or when deemed economically feasible, with low-maintenance, low-water native material.	July 2012	Launched	 
T29	MCDOT	Continue signal modernization and synchronization project along selected roadway corridors.	July 2012	On-Going	 
T30	MCDOT	Implement traffic control measures to achieve at least 90% signal integration (165 signals) and continue deployment of Closed Circuit Television cameras on key MCDOT corridors.	July 2012	Launched	 
T31	MCDOT	Adopt a Highway Program will increase the number of adopted miles in both its Volunteer and Sponsorship programs.	July 2012	Launched	 
T32	MCDOT	Adopt a Highway Program Volunteer Groups and Sponsors will clean 80 miles of roadway each quarter.	July 2012	Launched	 

"To waste, to destroy, our natural resources, to skin and exhaust the land instead of using it so as to increase its usefulness, will result in undermining in the days of our children the very prosperity which we ought by right to hand down to them."
— Theodore Roosevelt.





greengovernmentprogram

